

**RECEIVED  
CENTRAL FAX CENTER**

MAY 27 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In Re Application of****Certificate**

Applicant	:	M. W. Beach, et al.	MAY 31 2006
Serial No.	:	09/244,304	
Filed	:	3 Feb 1999	of Correction
Patent No.	:	US 7,003,494 B2	
Date of Patent	:	Feb. 21, 2006	
Examiner	:	Narayanswamy Subramanian	
Art Unit	:	3624	
Entitled	:	Preprocessor System and Method for Rejection of Duplicate Invoices	
Docket No.	:	END919980071US1	

Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that the following attached  
correspondence comprising 7 pages:

CERTIFICATE OF FACSIMILE TRANSMISSION	1 page
TRANSMITTAL	1 page
FEE TRANSMITTAL	1 page
CERTIFICATE OF CORRECTION	2 pages
LETTER RE CERTIFICATE OF CORRECTION	2 pages

is being facsimile transmitted by me to the United  
States Patent and Trademark Office at 571-273-8300, on  
the date below.

**SHELLEY M BECKSTRAND**

Date: 27 May 2006



MAY 31 2006

MAY 27 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/244,304	
	Filing Date	2/3/99	
	First Named Inventor	Michael W. Beach	
	Art Unit	3624	
	Examiner Name	Narayanswamy Subramanian	
Total Number of Pages in This Submission	7	Attorney Docket Number	END919980071US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Certificate of Correction		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Shelley M Beckstrand, P.C.		
Signature	<i>Shelley M Beckstrand</i>		
Printed name	Shelley M Beckstrand		
Date	27 May 2006	Reg. No.	24,886

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Shelley M Beckstrand</i>		
Typed or printed name	Shelley M Beckstrand	Date	27 May 2006

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MAY 31 2006

PTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0851-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

0

**Complete if Known**

Application Number	09/244,304
Filing Date	2/3/1999
First Named Inventor	Michael W. Beach
Examiner Name	Narayanswamy Subramanian
Art Unit	3624
Attorney Docket No.	END919990071US1

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 09-0457 Deposit Account Name: IBM Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)

Small Entity Fee (\$)

50

25

Each independent claim over 3 (including Reissues)

200

100

Multiple dependent claims

360

180

Total Claims Extra Claims Fee (\$)

Fee Paid (\$)

- 20 or HP = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

Fee Paid (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

Fee Paid (\$)

- 100 = / 50 = (round up to a whole number) x =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): Certificate of Correction

0

**SUBMITTED BY**

Signature	<i>Shelley M. Beckstrand</i>	Registration No. (Attorney/Agent)	24,886	Telephone	276 238-1972
Name (Print/Type)	Shelley M. Beckstrand	Date	27 May 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : US 7,003,494 B2  
APPLICATION NO. : 09/244,304  
ISSUE DATE : 02-21-2006  
INVENTOR(S) : Beach; Michael W. (Endicott, NY); Bucinell;  
Gerald D. (Vestal, NY); Cartin; Lawrence J.  
(Endwell, NY); Ciotoli; Louis M. (Endicott, NY);  
Fedorchak; Theodore W. (Endwell, NY); Hughes;  
Robert P. (Waverly, NY); Mosher; Eileen L.  
(Binghamton, NY); Murphy; Julie M. (Vestal, NY);  
Reynolds; Scotty J. (Flower Mound, TX)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 18. A computing system, comprising:

an accounts payable data base;

a translator for receiving an original electronic invoice from a trading partner and selectively rejecting said original invoice back to said trading partner or accepting said original invoice for further processing;

a preprocessor for identifying duplicate invoices from among electronic invoices accepted for further processing before introducing said electronic invoices into said accounts payable data base by:

sorting all inbound invoices in credit/debit sequence;

auditing only debit invoices one at a time for duplicate invoices and committing to said accounts payable data base only those debit invoices which are not duplicate invoices;

identifying invoices having a same vendor invoice designation, same purchase order number, and same item number;

calculating a net sum amount of items on invoices identified as having said same vendor invoice designation, said same purchase order number, and said same item number;

identifying as a duplicate invoice an original electronic invoice for which said net sum amount is greater than

6/6/06 2:00

Page 2 of 2

zero; said identifying including execution of check verbs, each said check verb being satisfied to identify said invoice as

a duplicate invoice; said check verbs including determining that this vendor is a vendor for which duplicate invoice checking is to be performed, determining that there is a purchase order history of previous purchase orders for said invoice, and determining for each item on said invoice a sum of its purchase order history, with said ~~sum being~~ sum being greater than zero for at least one said item;

an invoice processor for selectively automatically communicating a duplicate invoice rejection transaction back to said vendor for said original electronic invoice identified as a duplicate invoice without posting said original electronic invoice to said accounts payable data base and introducing said original electronic invoice not identified as said duplicate invoice into said accounts payable data base.

## MAILING ADDRESS OF SENDER:

Shelley M Beckstrand, P.C.  
61 Glenmont Road  
Woodlawn, VA 42381

21445

**RECEIVED  
CENTRAL FAX CENTER****MAY 27 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of

Applicant : M. W. Beach, et al.  
Serial No. : 09/244,304  
Filed : 3 Feb 1999  
Patent No. : US 7,003,494 B2  
Date of Patent : Feb. 21, 2006  
Examiner : Narayanswamy Subramanian  
Art Unit : 3624  
Entitled : Preprocessor System and Method for  
Rejection of Duplicate Invoices  
Docket No. : END919980071US1

**LETTER RE CERTIFICATE OF CORRECTION**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The accompanying Certificate of Correction is presented  
to correct the following error in the above identified,  
issued patent US 7,003,494 B2:

Correct spelling of the word "Bum" to read --sum-- in  
issued claim 7 (which is claim 18 of the application.)

Applicants enclose a Fee Transmittal form authorizing any

END919990071US1

1

S/N 09/244,304


4006

required fee to be charged to IBM Corp deposit account 09-0457. However, as the word "sum" is correctly spelled in the application, applicants believe that no fee is required.

Sincerely,

STEVEN D. BARNES, ET AL.

By

  
Shelley M. Beckstrand  
Reg. No. 24,886

Date: 27 May 2006

Shelley M Beckstrand, P.C.  
Attorney at Law  
61 Glenmont Road  
Woodlawn, VA 24381-1341

Phone: (276) 238-1972  
Fax: (276) 238-1545

END919990071US1

2

S/N 09/244,304